

SURFACE REFORMING ON MAGNETIC RECORDING MEDIUM - IN WHICH ABLATION IS EXCITED ON MEDIUM SURFACE BY IRRADIATING UV LASER BEAM, ETC, USED FOR HIGH DENSITY RECORDING MEDIUM

Patent Assignee: KUBOTA CORP (KUBI)

Inventor:

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PATENT FAMILY

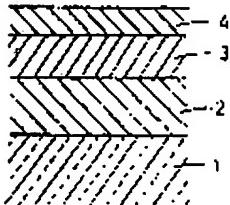
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Abstract: JP 07006362 A

In the method, ablation is excited on surface of a recording medium by irradiation of UV laser beam on it and simultaneously a gas at neighbour of the irradiated portion is activated, and then dispersed and scattered atom/molecule from medium surface by the ablation are piled on surface of the irradiated portion with the excited gas/molecule.

USE/ADVANTAGE - The method is suitable for high density recording medium. Surface of medium processed by the method has improved wear character, and the process is easy worked by simple method.

Title Terms: SURFACE; REFORM; MAGNETIC; RECORD; MEDIUM; ABLATE; EXCITATION; MEDIUM; SURFACE; IRRADIATE; ULTRAVIOLET; LASER; BEAM; HIGH; DENSITY; RECORD; MEDIUM



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